

ABSTRACT

A method of automatically configuring media connections when operating in forced speed and duplex mode, includes: connecting a first pair of connectors to a first pair of conductors and a second pair of connectors to a second pair of conductors during a first state, and connecting the first pair of connectors to the second pair of conductors and the second pair of connectors to the first pair of conductors during a second state; and holding the first state or the second state if operating in forced speed and duplex mode, a defined time has not expired and another end of a link can receive a signal. An apparatus for automatically configuring media connections when operating in forced speed and duplex mode, includes: a media switch configured to connect a first pair of connectors to a first pair of conductors and a second pair of connectors to a second pair of conductors during a first state, and to connect the first pair of connectors to the second pair of conductors and the second pair of connectors to the first pair of conductors during a second state; and a processor coupled to the media switch and configured to hold the first state or the second state if operating in forced speed and duplex mode, a defined time has not expired and another end of a link can receive a signal.